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(54) Title: ATOMIC STRUCTURE OF THE CATALYTIC DOMAIN FOR USE IN DESIGNING AND IDENTIFYING INHIBITORS OF ZAP-70 KINASE

(57) Abstract: The present invention relates to the three dimensional structure of ZAP-70 protein tyrosine kinase and describes methods of making a crystal of ZAP-70 and purification of the catalytic domain of ZAP-70 for use in crystallisation. The invention also relates to the use of the three dimensional structure of the catalytic domain of ZAP-70 for identifying and designing ligands which inhibit the biological function of ZAP-70.

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